

**REISSUE PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Reissue Application of:

Tsutomu SHIGA et al.

Serial No.: Reissue Application of U.S. Patent No. 5,760,485 issued June 2, 1998  
(U.S. Patent Application Serial No. 08/600,991 -- National Stage of PCT  
Application No. PCT/JP94/02166 filed December 19, 1994)

Filed: December 23, 2003

For: STARTER

Docket No.: 117386.99

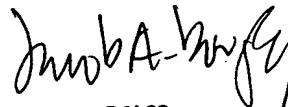
**ATTORNEY DOCKET NUMBER FOR**  
**REISSUE APPLICATION OF U.S. PATENT NO. 5,760,485**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

The correct attorney docket number for the above-identified Reissue Application of U.S. Patent No. 5,760,485, filed herewith, is 117386.99. The Reissue Declaration and Consent of Assignee to Reissue and Offer to Surrender Letters Patent filed with the Reissue Application incorrectly refer to attorney docket number 106166.99. Please disregard reference to that docket number.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Jacob A. Doughty  
Registration No. 46,671

JAO:JAD/lbg

Date: December 23, 2003

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

<p><b>DEPOSIT ACCOUNT USE</b> <b>AUTHORIZATION</b> Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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**CONSENT OF ASSIGNEE TO REISSUE (37 C.F.R. §1.172(a))**  
**AND OFFER TO SURRENDER LETTERS PATENT (37 C.F.R. §1.178)**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

The Assignee, DENSO CORPORATION (formerly known as NIPPONDENSO CO., LTD.) (by Assignment recorded in the U.S. Patent and Trademark office on March 1, 1996 at Reel 008170, Frame 0931), of U.S. Patent No. 5,760,485 (issued June 2, 1998) hereby consents to this reissue application.

In accordance with 37 C.F.R. §1.178, DENSO CORPORATION hereby offers to surrender U.S. Letters Patent 5,760,485 upon allowance of this reissue application.

The undersigned hereby confirms that he has authority to sign this Consent on behalf of the Assignee.

Date: Oct. 27, 2003

Signature: Masaaki Kaniya

Title:

**REISSUE PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Reissue Application of:

Tsutomu SHIGA et al.

Serial No.: Reissue Application of U.S. Patent No. 5,760,485 issued June 2, 1998  
(U.S. Patent Application Serial No. 08/600,991 -- U.S. National Stage of PCT  
Application No. PCT/JP94/02166 filed December 19, 1994)

Filed:

For: **STARTER**

Docket No.: 106166.99

**REISSUE DECLARATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We, Tsutomu SHIGA, Nobuyuki HAYASHI, Masanori OHMI and Sadayoshi

KAJINO, hereby declare that:

1. We are each citizens of Japan with the addresses as stated below next to our respective names.

2. We have reviewed and understand the contents of the specification, including the claims, as amended by the amendments set forth in this reissue application.

3. We believe that we are the first and original inventors of the invention described and claimed in the reissue application and in U.S. Letters Patent No. 5,760,485, which issued from U.S. Patent Application No. 08/600,991, which in turn was the U.S. National Stage of PCT Application No. PCT/JP94/02166 filed December 19, 1994.

4. We acknowledge our duty to disclose information which is material to the examination of this reissue application in accordance with 37 C.F.R §1.56(a).

6. We consider U.S. Patent No. 5,760,485 to be partly inoperative by reason of claiming less than we had a right to claim. For example, the current claims of U.S. Patent No. 5,760,485 do not recite the rated output of the starter, as disclosed at column 6, lines 17-21 of U.S. Patent No. 5,760,485, and presented in the added claims.

7. All errors being corrected in this reissue application up to the time of filing this declaration arose without any deceptive intention on our part.

8. We hereby revoke all prior powers of attorney and appoint the following as our attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;  
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;  
Richard E. Rice, Reg. No. 31,560; Paul Tsou, Reg. No. 37,956; and  
Eric D. Morehouse, Reg. No. 38,565.

All correspondence in connection with this application should be sent to Oliff & Berridge, PLC,  
P.O. Box 19928, Alexandria, Virginia 22320, telephone (703) 836-6400.

9. We have reviewed and understand the contents of this reissue declaration, and all statements made herein of our knowledge are true, and all statements made on information and belief are believed to be true; and further these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent reissued thereon.

Date: Nov. 28, 2003

Dec. 11, 2003  
<sup>Dec. 1, 2003 M.O</sup>  
 Date: ~~Dec. 1, 2003~~

Date: Dec. 1, 2003

Date: November 28, 2003

Tsutomu Shiga

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 Aichi-pref., Japan

**Mail Stop:**

Assignments Recordation Services  
Director of the U.S. Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney Docket No. 117386.99

Please record the attached document.

Total number of pages including cover sheet, attachments, and document: 3

1. A. Name of conveying party(ies):

NIPPONDENSO CO., LTD.  
1-1 SHOWA-CHO,  
KARIYA-CITY,  
AICHI-PREF., JAPAN

B. Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

2. A. Name and address of receiving party(ies):

DENSO CORPORATION  
1-1 SHOWA-CHO,  
KARIYA-CITY,  
AICHI-PREF., JAPAN

B. Additional name(s) & address(es) attached?  
☐ Yes ☒ No

3. A. Nature of conveyance:

☐ Assignment ☐ Merger  
☐ Security Agreement ☒ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date: October 1, 1996

4. A. If this document is being filed together with a new application, the execution date of the application is: December 23, 2003

B. Patent Application No.(s) \_\_\_\_\_

C. Patent No.(s) 5,760,485

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**  
P.O. Box 19928  
Alexandria, VA 22320  
Phone Number: 703-836-6400  
Fax Number: 703-836-2787

6. Total number of applications and patents involved: 1

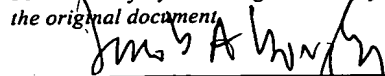
7. A. Total fee (37 CFR 3.41).....\$ 40.00

B. Enclosed (Check No. 149563)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*



James A. Oliff, Registration No. 27,073  
Jacob A. Dougherty, Registration No. 46,571

Date: December 23, 2003

登 記 簿 抄 本

1 商 号 日 本 電 装 株 式 会 社

1 本 店 愛知県刈谷市昭和町1丁目1番地

1 代表取締役岡部弘の住所 愛知県刈谷市新栄町6丁目2番地

氏名 岡 部 弘

1 商 号 変 更 事 項

商 号 株 式 会 社 デ ン ソ ー

平成8年10月 1日 変 更

平成8年10月 1日 登 記

上記は登記簿の抄本である。

平成 8 年 10 月 28 日 名古屋法務局刈谷出張所

登 記 官 生 路 春 雄



EXTRACT OF REGISTRY

FIRM NAME: NIPPONDENSO CO., LTD.

HEAD OFFICE: 1-1 Showa-cho Kariya-city Aichi-pref.

ADDRESS OF REPRESENTATIVE: 6-2 Shinsakaemachi Kariya-city Aichi-pref.

NAME OF REPRESENTATIVE: Hiromu OKABE

CONTENT OF FIRM NAME CHANGE

FIRM NAME: DENSO CORPORATION

CHANGED: October 1, 1996

REGISTERED: October 1, 1996

The above is the extract of the registry.

October 28, 1996

Kariya Branch Office, Nagoya Legal Affairs Bureau

Registrar

Haruo IKUJI